

Install & Use of the ArcCatalog Metadata Contact Database

These instructions are for an ESRI Sample Script. The sample provides an Access database that can be used to record contact information and a metadata importer that can be used to add that contact information from that database to the existing metadata.

Install:

1. Make sure ArcObjects Developer Kit is installed on your PC or laptop. If not, load it from the install CDs.
How? Check to see if you have the following directory
ArcGIS 8.3 users: In the arcgis\arcexe83 directory: ArcObjects Developer Kit
ArcGIS 9 users: In the arcgis directory: DirectoryKit
2. User must be at least a Power User account on the PC or laptop
3. Set-up VB Utility Tools. Follow these steps (a-c) to fix the registry and enable the capability to compile *.dll files with a mouse click.
 - a. go to → (ArcGIS 8.3)... \arcgis\arcexe83\ArcObjects Developer Kit\Utilities
OR (ArcGIS 9)... \arcgis\developerkit\tools
 - b. double click on register_in_menu.reg and let it run
 - c. double click on FixRegistry.exe and let it fix errors if any are found
4. Open and compile the Visual Basic project.
 - a. go to → (ArcGIS 8.3)
... \arcgis\arcexe83\ArcObjects Developer Kit\Samples\Metadata\Importers\ContactDB Importer
OR (ArcGIS 9)
... \arcgis\developerkit\Samples\Metadata\Importers\ContactDB_Importer\visual_basic
 - b. right click on the ContactDB.dll and choose **register**
5. Add the registered file to the Component Categories Manager. Follow steps (a-d) to do this.
 - a. Run Categories.exe. You can find it in
(ArcGIS 8.3) ... \arcgis\arcexe83\bin OR (ArcGIS 9) ... \arcgis\bin
A dialog box for the Component Categories Manager will come up.
 - b. Navigate to the 'Metadata Importers' folder. Select the folder and click Add Object. A dialog box titled "Find Add-In" will popup.
 - c. Navigate to the compiled ContactDB.dll (from step 4b) and click Open.
 - d. The Add Objects dialog box appears listing "ContactDB", which is checked by default. Click OK.
6. In the Component Categories Manager, you can see that "ContactDB_Importer.ContactDB" has been added to the list of components in the Metadata Importers category. Click Exit.

Use:

1. Open & edit the blank Access DB that comes with the Visual Basic project.
 - a. go to → (ArcGIS 8.3)
... \arcgis\arcexe83\ArcObjects Developer Kit\Samples\Metadata\Importers\ContactDB Importer
OR (ArcGIS 9)
... \arcgis\developerkit\Samples\Metadata\Importers\ContactDB_Importer\visual_basic
 - b. Copy the ContactDB.mdb to a new location outside of the ArcGIS directory structure.
Suggestion – Put it in a location where everyone in your office doing metadata can access it.
 - c. Open the ContactDB.mdb and add contact information for all individuals who's name might need to be added to a metadata record.
2. In ArcCatalog, click a shapefile or another data source in the Catalog tree.
3. Click the Metadata tab then click the Import Metadata button on the Metadata toolbar.
4. In the Metadata Import dialog box:
 - a. Uncheck "Enable automatic update of metadata"
 - b. Choose Format "FGDC Contact Database Importer"
 - c. Navigate to the ContactDB.mdb that you customized in the first step.